

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Original) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation, said device further comprising:
 - an electro-optic layer supported between said first substrate and said second substrate;
 - a first electrode formed on said first substrate;
 - a second electrode formed on said second substrate; and
 - a first terminal formed on said second substrate and connected to said first electrode,said first electrode including a drive portion for applying an electric field to said electro-optic layer, and an inter-substrate conducting terminal portion connected to said drive portion and said first terminal,
 - said second electrode including a drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said drive portion,
 - said first and second terminals being arranged to lie side by side along one side of said second substrate such that said second terminal is located on the outer side relative to said first terminal, and
 - said second electrode being made of at least a material having a lower electrical resistance than that of said first electrode.
2. (Original) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrode formed on said first substrate;

a second electrode formed on said second substrate; and

a first terminal formed on said second substrate and connected to said first electrode,

said first electrode including a drive portion for applying an electric field to said electro-optic layer, and an inter-substrate conducting terminal portion connected to said drive portion and said first terminal,

said second electrode including a drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said drive portion,

said first and second terminals being arranged to lie side by side along one side of said second substrate such that said first terminal is located closer to the center than said second terminal; and

said second electrode being made of at least a material having a lower electrical resistance than that of said first electrode.

3. (Original) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrode formed on said first substrate;

a second electrode formed on said second substrate;

a first terminal formed on said second substrate and connected to said first electrode; and

an extended portion of said second substrate extending out of an edge of said first substrate,

said first electrode including a drive portion for applying an electric field to said electro-optic layer, and an inter-substrate conducting terminal portion connected to said drive portion and said first terminal,

said second electrode including a drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said drive portion,

said first and second terminals being disposed in at least said extended portion,

said first and second terminals being arranged to lie side by side along one side of said second substrate such that said second terminal is located on the outer side relative to said first terminal, and

said second electrode being made of at least a material having a lower electrical resistance than that of said first electrode.

4. (Original) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrode formed on said first substrate;

a second electrode formed on said second substrate; and

a first terminal formed on said second substrate and connected to said first electrode,

said first electrode including a drive portion for applying an electric field to said electro-optic layer, and an inter-substrate conducting terminal portion connected to said drive portion and said first terminal,

said second electrode including a drive portion for applying an electric field to said electro-optic layer, a second terminal connected to said drive portion, and a wiring portion for connecting said drive portion and said second terminal,

said wiring portion of said second electrode being located on the outer side relative to said first terminal in a direction along one side of said second substrate, and

said second electrode being made of at least a material having a lower electrical resistance than that of said first electrode.

5. (Original) An electro-optic device according to Claim 1, wherein said second terminal is located on both sides of said first terminal in the direction along the one side of said second substrate.

6. (Original) An electro-optic device according to Claim 1, wherein said second terminal is located on one side of said first terminal in the direction along the one side of said second substrate.

7. (Original) An electro-optic device according to Claim 1, wherein said inter-substrate conducting terminal portion of said first electrode and said first terminal are electrically connected to each other by an electrically conducting material held between said first substrate and said second substrate.

8. (Original) An electro-optic device according to Claim 7, wherein said electrically conducting material contains a resin held between said first substrate and said second substrate, and conductive particles dispersed in said resin.

9. (Original) An electro-optic device according to Claim 7, further comprising a sealing material disposed between said first substrate and said second substrate so as to surround said electro-optic layer,

wherein said electrically conducting material includes said sealing material and conductive particles dispersed in said sealing material.

10. (Original) An electro-optic device according to Claim 1, wherein said second electrode includes a wiring portion for connecting said drive portion and said second terminal, and

said wiring portion is located on the outer side relative to said first terminal in the direction along the one side of said second substrate.

11. (Original) An electro-optic device according to Claim 4, wherein said inter-substrate conducting terminal portion of said first electrode is connected to an end of said first terminal, and

said wiring portion of said second electrode includes a zone arranged obliquely relative to the end of said first terminal.

12. (Original) An electro-optic device according to Claim 4, wherein said wiring portion of said second electrode is arranged so as to bend around a lateral region of said first terminal.

13. (Original) An electro-optic device according to Claim 1, wherein said first electrode is provided in plural number and said second electrode is provided in plural number, and
the number of said first electrodes is larger than the number of said second electrodes.

14. (Original) An electro-optic device according to Claim 1, wherein an image data signal is supplied to said first electrode, and a scan signal is supplied to said second electrode.

15. (Original) An electro-optic device according to Claim 1, wherein said first electrode is formed of at least a transparent conductive film, and
said second electrode is formed of at least a metallic film.

16. (Original) An electro-optic device according to Claim 1, wherein said first electrode is formed of at least an ITO film, and
said second electrode is formed of at least a material selected from the group consisting of aluminum, silver, an aluminum alloy, and a silver alloy.

17. (Original) An electro-optic device according to Claim 1, wherein said second electrode has an opening formed therein to allow passage of light entering from the side of said second substrate.

18. (Original) An electro-optic device according to Claim 17, wherein said opening is a slit- or window-like opening.

19. (Original) An electro-optic device according to Claim 1, wherein said electro-optic layer is a liquid crystal layer.

20. (Original) An electronic apparatus employing, as a display unit, an electro-optic device according to Claim 1.

21. (New) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation through the sealing material, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrodes formed on said first substrate, and comprising transparent conductive film;

a second electrode formed on said second substrate; and

a first terminals formed on said second substrate,

said first electrodes including a first drive portion for applying an electric field to said electro-optic layer, a wiring portion connected to said first drive portion, and an inter-substrate conducting terminal portion connected to said wiring portion, and electrically connected to said first terminals through conductive particles included in said sealing material,

said second electrode including a second drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said second drive portion,

said first and said second terminals being arranged to lie side by side along one side of said second substrate such that said second terminal is located on the outer side relative to said first terminals,

said first terminals extending radially from one end of said first terminals toward said inter-substrate conducting terminal portion,

said wiring portion of said first electrodes extending radially from said inter-substrate conducting terminal portion toward said first drive portion, and

said second drive portion, said second terminal of said second electrode, and said first terminals being made of a metallic film having a lower electrical resistance than that of said first electrodes.

22. (New) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation through the sealing material, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrodes formed on said first substrate, and comprising transparent conductive film;

a second electrode formed on said second substrate; and

a first terminals formed on said second substrate,

said first electrodes including a first drive portion for applying an electric field to said electro-optic layer, a wiring portion connected to said first drive portion, and an inter-substrate conducting terminal portion connected to said wiring portion, and electrically connected to said first terminals through conductive particles included in said sealing material,

said second electrode including a second drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said second drive portion,

said first and said second terminals being arranged to lie side by side along one side of said second substrate such that said first terminals is located closer to the center than said second terminal,

said first terminals extending radially from one end of said first terminals toward said inter-substrate conducting terminal portion,

said wiring portion of said first electrodes extending radially from said inter-substrate conducting terminal portion toward said first drive portion, and

said second drive portion, said second terminal of said second electrode, and said first terminals being made of a metallic film having a lower electrical resistance than that of said first electrodes.

23. (New) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation through the sealing material, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrodes formed on said first substrate, and comprising transparent conductive film;

a second electrode formed on said second substrate; and

a first terminals formed on said second substrate; and

an extended portion of said second substrate extending out of an edge of said first substrate,

said first electrodes including a first drive portion for applying an electric field to said electro-optic layer, a wiring portion connected to said first drive portion, and an inter-substrate conducting terminal portion connected to said wiring portion, and

electrically connected to said first terminals through conductive particles included in said sealing material,

said second electrode including a second drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said second drive portion,

said first and said second terminals being disposed in at least said extended portion,

said first and said second terminals being arranged to lie side by side along one side of said second substrate such that said second terminal is located on the outer side relative to said first terminals,

said first terminals extending radially from one end of said first terminals toward said inter-substrate conducting terminal portion,

said wiring portion of said first electrodes extending radially from said inter-substrate conducting terminal portion toward said first drive portion, and

said second drive portion, said second terminal of said second electrode, and said first terminals being made of a metallic film having a lower electrical resistance than that of said first electrodes.

24. (New) An electro-optic device comprising a first substrate and a second substrate arranged in an opposed relation through the sealing material, said device further comprising:

an electro-optic layer supported between said first substrate and said second substrate;

a first electrodes formed on said first substrate, and comprising transparent conductive film;

a second electrode formed on said second substrate; and

a first terminals formed on said second substrate,

said first electrodes including a first drive portion for applying an electric field to said electro-optic layer, a first wiring portion connected to said first drive portion, and an inter-substrate conducting terminal portion connected to said first wiring portion, and electrically connected to said first terminals through conductive particles included in said sealing material,

said second electrode including a second drive portion for applying an electric field to said electro-optic layer, and a second terminal connected to said second drive portion, and a second wiring portion for connecting said second drive portion and said second terminal,

said second wiring portion of said second electrode being located on the outer side relative to said first terminals in a direction along one side of said second substrate,

said first terminals extending radially from one end of said first terminals toward said inter-substrate conducting terminal portion,

said wiring portion of said first electrodes extending radially from said inter-substrate conducting terminal portion toward said first drive portion, and

said second drive portion, said second terminal of said second electrode, and said first terminals being made of a metallic film having a lower electrical resistance than that of said first electrodes.

25. (New) An electro-optic device according to Claim 21, wherein said second terminal is located on both sides of said first terminals in the direction along the one side of said second substrate.

26. (New) An electro-optic device according to Claim 21, wherein said second terminal is located on one side of said first terminals in the direction along the one side of said second substrate.

27. (New) An electro-optic device according to Claim 21, wherein said second electrode includes a second wiring portion for connecting said drive portion and said second terminal, and

said wiring portion is located on the outer side relative to said first terminals in the direction along the one side of said second substrate.

28. (New) An electro-optic device according to Claim 24, wherein said inter-substrate conducting terminal portion of said first electrodes is connected to an end of said first terminals, and

said second wiring portion of said second electrode includes a zone arranged obliquely relative to the end of said first terminals.

29. (New) An electro-optic device according to Claim 24, wherein said second wiring portion of said second electrode is arranged so as to bend around a lateral region of said first terminals.

30. (New) An electro-optic device according to Claim 21, wherein said second electrode is provided in plural number, and

the number of said first electrodes is larger than the number of said second electrodes.

31. (New) An electro-optic device according to Claim 21, wherein an image data signal is supplied to said first electrodes, and a scan signal is supplied to said second electrode.

32. (New) An electro-optic device according to Claim 21, wherein said first electrodes is formed of at least an ITO film, and
said second electrode is formed of at least a material selected from the group consisting of aluminum, silver, an aluminum alloy, and a silver alloy.

33 (New) An electro-optic device according to Claim 21, wherein said second electrode has an opening formed therein to allow passage of light entering from the side of said second substrate.

34. (New) An electro-optic device according to Claim 33, wherein said opening is a slit- or window-like opening.

35. (New) An electro-optic device according to Claim 21, wherein said electro-optic layer is a liquid crystal layer.

36. (New) An electronic apparatus employing, as a display unit, an electro-optic device according to Claim 21.